

## **Vermont Mental Health Performance Indicator Project**

DDMHS, Weeks Building, 103 South Main Street, Waterbury, VT 05671-1601 (802-241-2638)

### MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project  
Advisory Group and Interested Parties

FROM: John Pandiani and Sheila Pomeroy

DATE: September 26, 2003

RE: Vermont State Hospital: Twenty Year Overview

The attached table and graphs provide an overview of Vermont State Hospital patterns of utilization over the past 20 years. Information provided includes total patient days and average daily census; client age, gender, diagnosis, and legal status; and discharge rates and length of stay for fiscal years 1983, 1988, 1993, 1998, and 2003. Information for this report is based on analysis of the Vermont State Hospital database.

As you will see, there has been a substantial reduction in the average daily population of the Vermont State Hospital (from 194 to 53) during the study period. The representation of both younger patients (less than 34 years) and older patients (65 and over) decreased during the study period while the representation of patients in the 35-49 age group increased substantially. There was a small increase in the representation of men and a small decrease in the representation of women. The proportion of patients with a diagnosis of schizophrenia or other psychosis increased from 58% in 1983 to 74% in 2003. Proportion of patients with a forensic legal status increased from 19% to 39% and the proportion of patients with an emergency legal status increased from 29% to 37% during the period covered by this report.

The average length of stay for patients in residence on the last day of the fiscal year decreased from 4.6 years in 1983 to 1.6 years in 2003. The proportion of patients discharged within one week of admission increased from 15% in 1983 to 21% in 2003, and the proportion of patients discharged within one month increased from 52% to 63% during this time period.

The Vermont State Hospital database provides a wealth of information on changing patterns of utilization of this institution over the past 20+ years. In conjunction with other databases, this database can provide information on patterns of access to care and treatment outcomes for this institution. We will welcome your suggestions for further analysis of these rich data sources. Please send your questions and suggestions to [pip@ddmhs.state.vt.us](mailto:pip@ddmhs.state.vt.us) or call 802-241-2638 to discuss possibilities.

# Utilization of the Vermont State Hospital A Twenty Year Overview

<b>Fiscal Year</b>	<b>1983</b>	<b>1988</b>	<b>1993</b>	<b>1998</b>	<b>2003</b>
Total Patient Days	70,989	68,372	32,611	21,150	19,256
Avg Daily Census	194	187	89	58	53

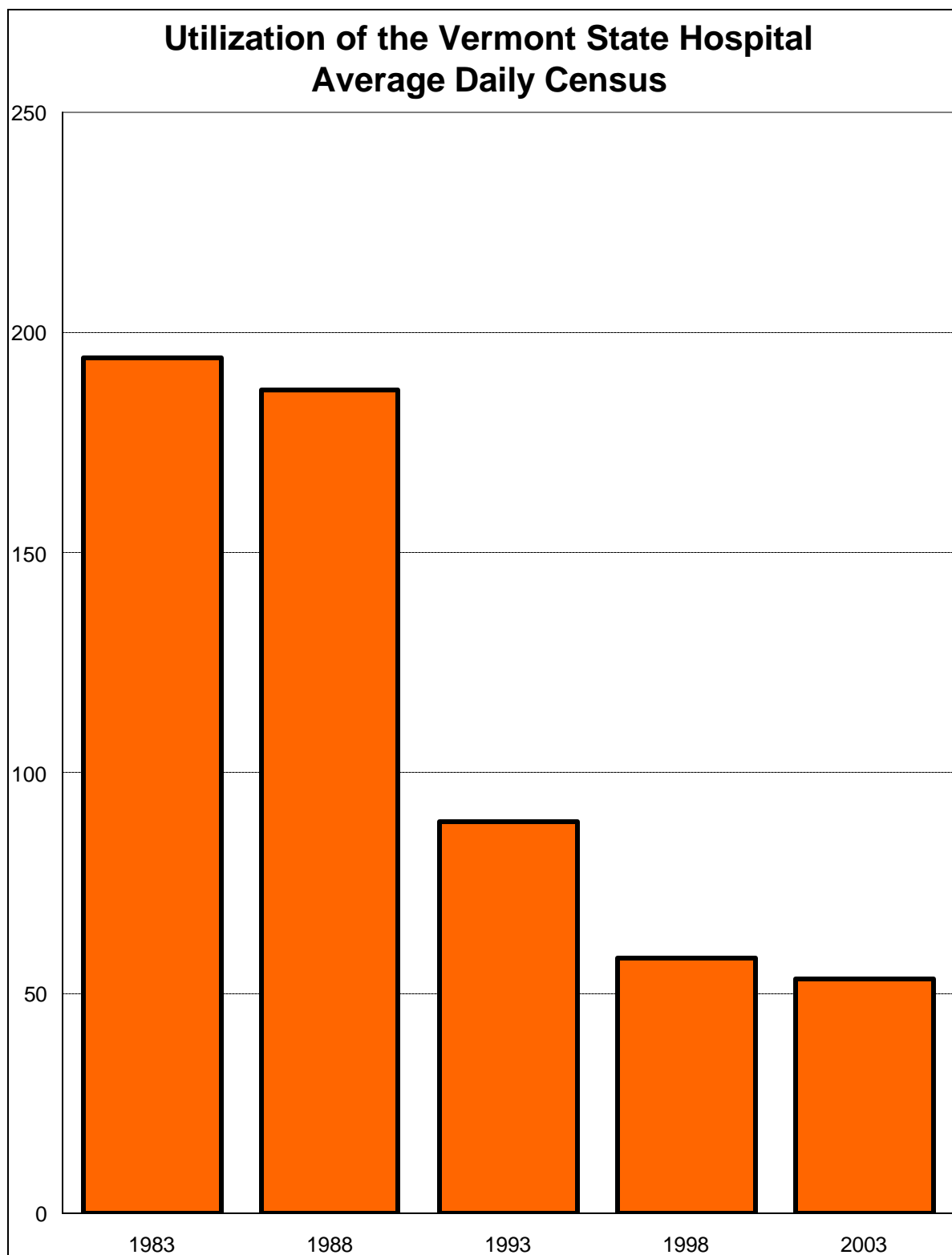
## Percent of all Patient Days for Client Groups

<b>Fiscal Year</b>	<b>1983</b>	<b>1988</b>	<b>1993</b>	<b>1998</b>	<b>2003</b>
Age					
13-34	46%	39%	30%	34%	22%
35-49	22%	25%	31%	44%	51%
50-64	17%	22%	19%	16%	20%
65+	<u>15%</u>	<u>13%</u>	<u>19%</u>	<u>6%</u>	<u>7%</u>
	100%	100%	100%	100%	100%
Gender					
Male	61%	62%	59%	65%	64%
Female	<u>39%</u>	<u>38%</u>	<u>41%</u>	<u>35%</u>	<u>36%</u>
	100%	100%	100%	100%	100%
Diagnosis					
Schizophrenia & Other Psychoses	58%	59%	53%	72%	74%
Legal Status					
Forensic	19%	18%	22%	38%	39%
Emergency	29%	47%	36%	46%	37%
Voluntary	22%	19%	7%	4%	9%
Other	<u>29%</u>	<u>15%</u>	<u>34%</u>	<u>12%</u>	<u>15%</u>
	100%	100%	100%	100%	100%

## Length of Stay

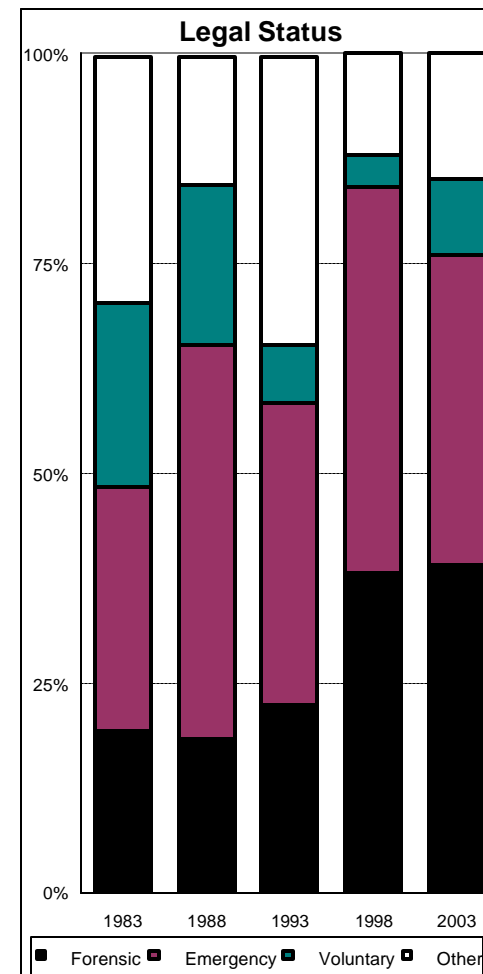
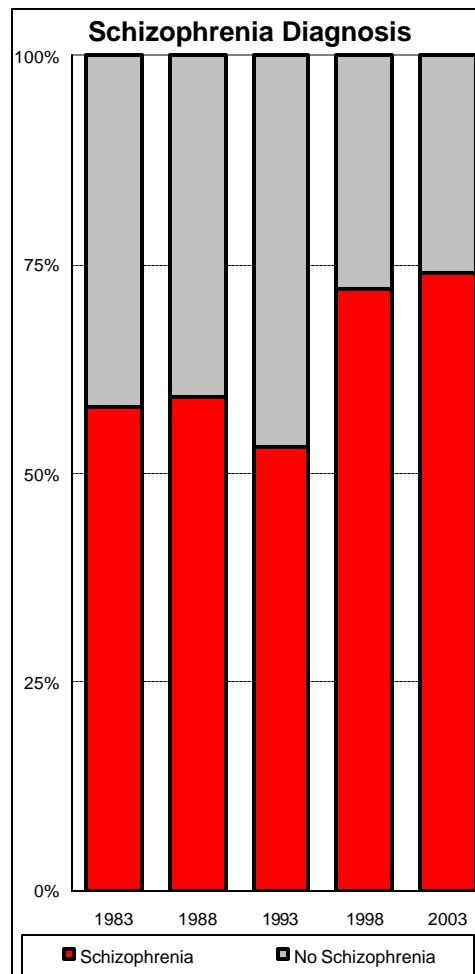
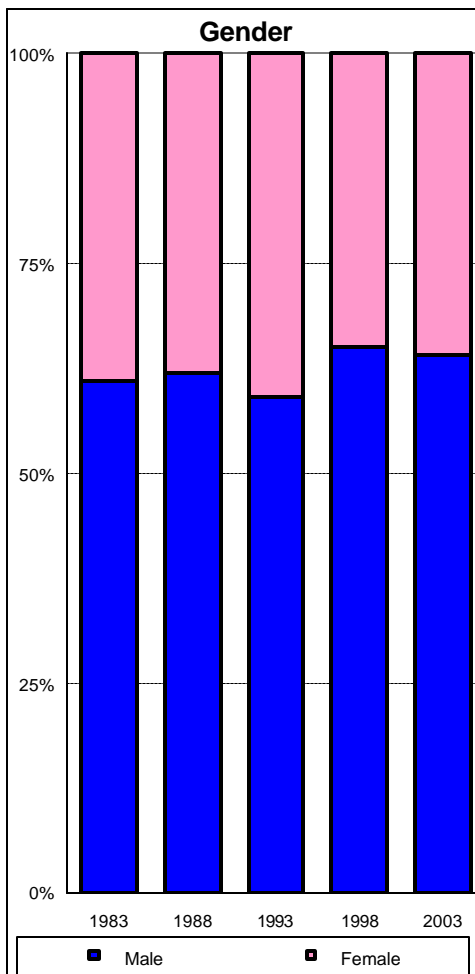
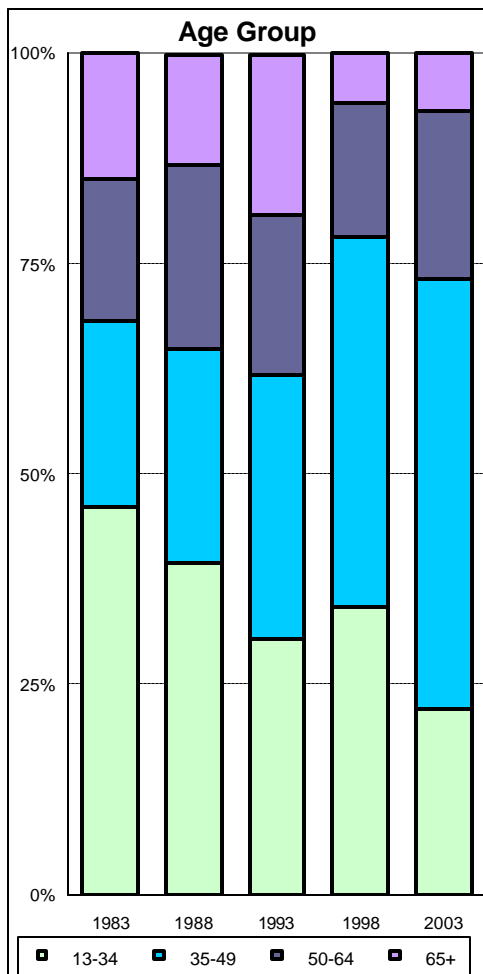
<b>Fiscal Year</b>	<b>1983</b>	<b>1988</b>	<b>1993</b>	<b>1998</b>	<b>2003</b>
Patients Admitted and Discharged Within:					
1 Week	15%	9%	17%	16%	21%
2 Weeks	29%	19%	27%	33%	43%
1 Month	52%	44%	49%	58%	63%
Avg Length of Stay for People in VSH on the Last Day of the Year	4.6 Years	4 Years	4 Years	1.3 Years	1.6 Years

Analysis is based on data from the Vermont State Hospital database.  
For more detailed information please see the footnotes to DDMHS Statistical Reports at:  
<http://www.state.vt.us/dmh/Data/2002statWebnotes.pdf>



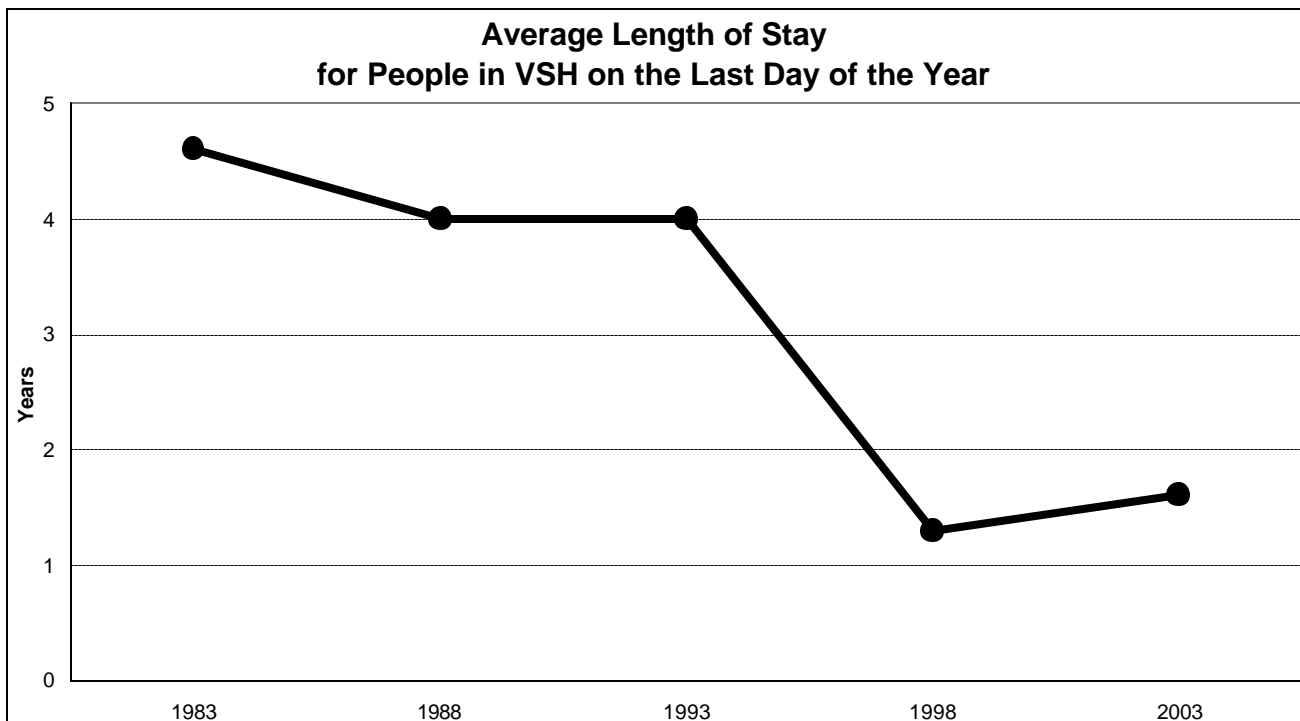
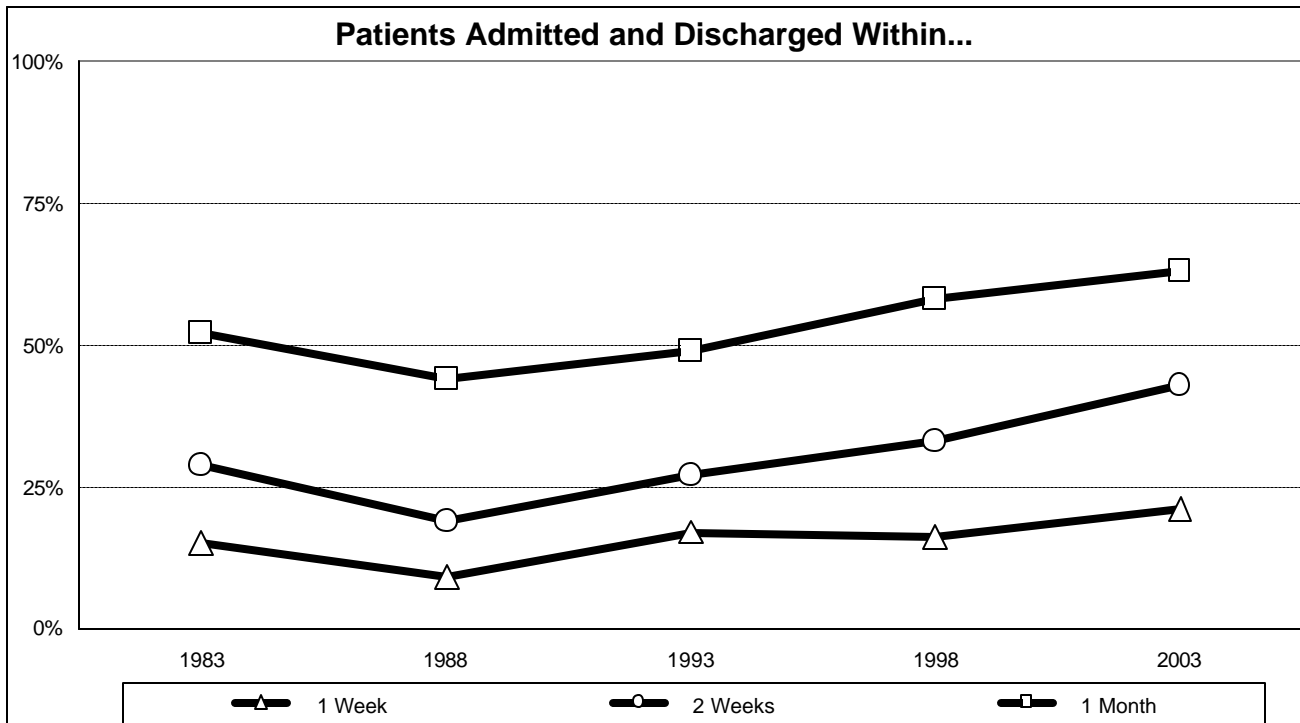
Analysis is based on data from the Vermont State Hospital database.  
For more detailed information please see the footnotes to DDMHS Statistical Reports at:  
<http://www.state.vt.us/dmh/Data/2002statWebnotes.pdf>

## Utilization of the Vermont State Hospital Percent of All Patients BY...



Analysis is based on data from the Vermont State Hospital database.  
For more detailed information please see the footnotes to DDMHS Statistical Reports at:  
<http://www.state.vt.us/dmh/Data/2002statWebnotes.pdf>

# Utilization of the Vermont State Hospital



Analysis is based on data from the Vermont State Hospital database.  
For more detailed information please see the footnotes to DDMHS Statistical Reports at:  
<http://www.state.vt.us/dmh/Data/2002statWebnotes.pdf>